

To: Christner, Jan[Jan.Christner@WestonSolutions.com]
Cc: Joe Naughton[Joe.Naughton@respec.com]; Boyd Breeding[**Personal Email/Ex. 6**]; Jmiller@techlawinc.com[Jmiller@techlawinc.com]; Adamczyk, Megan[Megan.Adamczyk@WestonSolutions.com]; Robinson, David[David.Robinson@WestonSolutions.com]; Way, Steven[way.steven@epa.gov]
From: Petri, Elliott
Sent: Sat 8/22/2015 3:21:46 PM
Subject: Re: Gold King Mine Tasks for weekend

Silverledge is hard to get flows at due to the sludge. I recommend the flow from earlier this week.

Elliott Petri, PE
Weston Solutions, Inc.
1435 Garrison St, Ste 100
Lakewood, CO 80215
Ph: 303-729-6156
Cell: 719-216-2754
Fax: 303-729-6101

Sent from a tiny phone screen, most likely with sun glare. Please excuse typos!

"Christner, Jan" <Jan.Christner@WestonSolutions.com> wrote:

Sorry, Elliott. I've been communicating with Joe about the locations. We will have the ESAT/START people coming from Durango collect Silver Ledge since they know where it is. They will go with your flows (for Silver Ledge only) from earlier this week if it might prevent them from getting back to Silverton with the samples. And Silver Ledge is the lowest priority on the list.

From: Petri, Elliott
Sent: Saturday, August 22, 2015 9:12 AM
To: Joe Naughton
Cc: Christner, Jan; Boyd Breeding; Jmiller@techlawinc.com; Adamczyk, Megan; Robinson, David; 'way.steven@epa.gov'
Subject: Re: Gold King Mine Tasks for weekend

That is the mine up velocity basin, Megan was there with me this week. I had to wear waders to get the flow.

Elliott Petri, PE

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Joe Naughton <Joe.Naughton@respec.com> wrote:

We are unsure of where CC14 is located.

From: Christner, Jan [<mailto:Jan.Christner@WestonSolutions.com>]

Sent: Friday, August 21, 2015 4:38 PM

To: Petri, Elliott; Joe Naughton; Boyd Breeding

Cc: Jmiller@techlawinc.com; Adamczyk, Megan; Robinson, David; 'way.steven@epa.gov'

Subject: RE: Gold King Mine Tasks for weekend

Hi, Joe and Boyd.

I need to add sample locations to your list for today or tomorrow, then we need to get these analyzed ASAP.

Mogul Mine (CC02D)

Red and Bonita Mine (collect next to the road before the water goes into the culverts under the road)(CC03D)

Gold King Mine (normal sample)

American Tunnel (CC19)

Pond outfall (normal sample)(GKM13 and/or CC03B, whichever is discharging water at the time)

Cement Creek south of American Tunnel confluence (CC18)

And if possible, the Silver Ledge (CC14) and Cement Creek downstream of the confluence with South Fork (CC21).

We need to know flows from these also. This is very important because the results will be used to evaluate loading from each of the sources. (flow x concentration). We have been asked to compare the relative loads before and after the blowout.

The locations should be shown on the map and the place to sample noted on the list of descriptions. Please let me know if you have questions or if these can't be collected today or tomorrow.

Jan

Steve – Management is looking for the loading analysis – per Bob Brobst. We have historic data (2009-2014) and Elliott's data from June and July of this year as points of comparison. I thought these samples had already been collected, but Elliott just informed me they were not.

,

From: Petri, Elliott

Sent: Thursday, August 20, 2015 8:53 PM

To: joe.naughton@respec.com; Boyd Breeding

Cc: Christner, Jan; jmiller@techlawinc.com; Adamczyk, Megan; Robinson, David

Subject: Gold King Mine Tasks for weekend

Hi Joe,

Here is a list of what I anticipate and need on site while I am gone, please feel free to call me from the comms truck, text my cell, or email me (text or a call will get the fastest response from me 719-216-2754)

- Three rounds of the usual 11 water quality readings **and** CC03B if there is discharge from the Red and Bonita Ponds.
- Flowrates, pH, and Turbidity from the Gold King Adit in the morning and afternoon.
- Friday and Sunday the samples sets from the adit and effluent of pond 4, if RnB is discharging water please include a sample of that effluent.
- Friday we have a special request of sampling that large suite of analytes, bottles are in route and we will need to collect the adit sediment/water sample and pond one water/sludge as soon as possible (if the person delivering the bottles can help use them and send the samples back with them right away. This is now a **top** priority.
- Monitor quantities of treatment media near COB.
- Assist Mike Towle and Steve Way with any technical needs, I know this is a tall order. Again I am available night or day while I am gone and would rather you call me than have a heart attack.
- At the end of the day debrief with the Coast Guard at the Comms truck.

Things to send out:

- Any monitoring data needs to be sent to Jamie Miller, Jmiller@techlawinc.com, and Megan Adamczyk megan.adamczyk@westonsolutions.com , they are rockstars at data and can help you if you have issues with the ipad.
- Any flowrates and pH from the adit need to be sent to Jan Christner (Jan.Christner@westonsolutions.com) and Jamie Miller. Jan is also a rockstar and does things with data that most of us only dream of being able to.
- Any daily pictures or notes please hold on to and I will get a copy of them when I get back.

Thank you for helping me out and giving me a chance to get home, I am available at any time.

Thanks,

Elliott

Elliott Petri, PE

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